

Message Text

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ACTION NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-03 PM-03 NSC-05 SP-02 SS-15

RSC-01 CIAE-00 DODE-00 INR-07 NSAE-00 PA-01 USIA-06

PRS-01 SAJ-01 L-02 ACDA-05 COME-00 INT-05 /072 W

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P 231554Z JAN 75

FM AMEMBASSY BUCHAREST

TO SECSTATE WASHDC PRIORITY 1507

C O N F I D E N T I A L SECTION 1 OF 2 BUCHAREST 0288

E.O. 11652: GDS

TAGS: TSPA, RO

SUBJ: SPACE COOPERATION: ROMANIAN PROPOSAL

REF: STATE 266840

1. SUMMARY: POST DELIVERED FRUTKIN LETTER (REFTEL) UPON RECEIPT EVENING OF DEC 5 TO NCST SPECIAL ADVISOR ION MANZATU AND COMMISSION FOR SPACE ACTIVITIES (RSCA) GENERAL SECRETARY EUGEN MANDESCU. ROMANIANS EXPRESSED GREAT SATISFACTION AT NASA INVITATION AND PROMISED EARLY REPLY TO PROPOSED VISIT DATES, AND LIST OF DELEGATION MEMBERS AND DISCUSSION TOPICS. END-OF-YEAR ADMINISTRATIVE RUSH AND HOLIDAY SCHEDULE HAS SLOWED GOR RESPONSE. ON JAN 8 NCST PRESIDENT URSU HELD HIS FIRST MEETING OF NEW YEAR WITH AMBASSADOR AND SCIATT TO SAY PREPARATIONS FOR SPACE COMMISSION VISIT TO NASA WERE IN FINAL STAGES. ON JAN 22 MANZATU AND MANDESCU GAVE SCIATT FOLLOWING PROPOSAL FOR GOR DELEGATION VISIT FEB 4-19. END SUMMARY.

2. FOUR-MAN GOR DELEGATION WILL CONSIST OF A) PROFESSOR ALEXANDRU SPATARU, VICE PRESIDENT OF NCST, PRESIDENT, ROMANIAN COMMISSION FOR SPACE ACTIVITIES; B) MAJOR GENERAL (ONE-STAR) DUMITRU ANDREESCU, DIRECTOR, ARMY RESEARCH AND DESIGN INSTITUTE; C) EUGEN MANDESCU, ENGINEER, GENERAL SECRETARY, ROMANIAN COMMISSION FOR SPACE ACTIVITIES; D) PROFESSOR NICOLAE OPRESCU, HEAD, PHOTGRAMMETRY, PHOTO INTERPRETATION AND REMOTE SENSING

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SECTION, COLLEGE OF CIVIL ENGINEERING. NCST WILL PROVIDE MORE

COMPLETE BIO DATA ON ROMDEL AND BACKGROUND ON RCSA BY NEXT WEEK.

3. MANZATU REPORTS AMBASSADOR BOGDAN WAS QUERIED WHETHER GOR EMBOFF MAY WISH TO JOIN DELEGATION TALKS WITH NASA IN WASHINGTON OR ACCOMPANY ON OTHER VISITS, BUT BOGDAN HAS NOT YET REPLIED. SCIATT RECOMMENDED TO MANZATU THAT DELEGATION BE KEPT TO PROFESSIONALS ALTHOUGH ENCOURAGED IDEA OF GOR EMBOFF ATTENDING WASHINGTON MEETINGS.

4. ROMDEL WISHES TO DISCUSS POSSIBLE US/GOR COOPERATION ON FOLLOWING TOPICS WITH NASA SPECIALISTS (TRANSLATION IS INFORMAL):

A. LUNAR SAMPLE ANALYSIS: COMPARISON OF LUNAR AND METEORITE MATERIAL; CHEMICAL AND ISOTOPIC COMPOSITION OF GASES IN LUNAR ROCKS; AGE DATING OF LUNAR SAMPLES. PARTICIPATING INSTITUTIONS: CENTRAL INSTITUTE FOR CHEMICAL RESEARCH, BUCHAREST; INSTITUTE FOR ATOMIC PHYSICS, BUCHAREST; INSTITUTE FOR STABLE ISOTOPES, CLUJ.

B. SATELLITE AND SPACE VEHICLE INSTRUMENTATION. ISOTOPIC STUDIES OF UPPER ATMOSPHERE; BEHAVIOR OF MATERIALS IN VACUUM UNDER ZERO GRAVITY; OBSERVATIONS ON HEAVY AND SUPER-HEAVY NUCLEI (Z GREATER THAN OR EQUAL TO 90) UNDER COSMIC RADIATION; PROTON MAGNETOMETER FOR MEASURING MAGNETIC FIELD; HIGH-RES MASS SPECTROMETER TO DETECT HEAVY/ORGANIC MOLECULES IN UPPER ATOMS. PARTICIPATING INSTITUTIONS: INSTITUTE OF ATOMIC PHYSICS, BUCHAREST; INSTITUTE FOR STABLE ISOTOPES, CLUJ; AND CENTRAL INSTITUTE FOR CHEMICAL RESEARCH BUCHAREST.

C. REMOTE SENSING OF EARTH RESOURCES: USE OF ERTS DATA FOR STUDYING NATURAL RESOURCES OF DANUBE DELTA AND COASTAL SEDIMENTS; ESTABLISHMENT OF RECEIVING STATION FOR REMOTE SENSING DATA; ORGANIZATION OF DATA PROCESSING CENTER AND TRAINING OF PERSONNEL FOR INTERPRETATION OF REMOTE SENSING DATA. PARTICIPATING INSTITUTIONS: INSTITUTE FOR CONSTRUCTION, BUCHAREST; ACADEMY OF AGRICULTURAL AND FORESTRY SCIENCES, BUCHAREST; INSTITUTE OF GEOLOGY AND GEOPHYSICS, BUCHAREST; INSTITUTE OF METEOROLOGY AND HYDROLOGY, BUCHAREST; NATIONAL COUNCIL FOR SCIENCE AND TECHNOLOGY, BUCHAREST; STATE COMMITTEE FOR NUCLEAR ENERGY, BUCHAREST; MINISTRY OF EDUCATION, BUCHAREST.

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D. SATELLITE-BASED RESEARCH. STUDIES OF MOLECULAR COLLISION REACTIONS UNDER LABORATORY CONDITIONS COMPARED WITH DATE OBTAINED BY MASS SPECTROMETRY; DETERMINATION OF GEODOSIC COORDINATES ON LAND AND THE BLACK SEA FOR STATIONING MARINE DRILLING RIGS AND GEOLOGIC PROSPECTING (COOPERATION WITH NASA ON DOPPLER STATION AND LASER TELEMETRY); RESEARCH AND EXPERIMENTATION IN CONVERSION OF FIELD ENERGY UNDER CONTINUOUS HIGH TENSION WITH APPLICATIONS IN SATELLITE SOLAR POWER STATIONS. PARTICIPATING INSTITUTIONS:

INSTITUTE OF STABLE ISOTOPES, CLUJ; ASTRONOMICAL OBSERVATORY,
BUCHAREST; MILITARY TOPOGRAPHIC DIRECTORATE, BUCHAREST; BUCHAREST
POLYTECHNIC INSTITUTE.

E. GROUND-BASED RESEARCH. INVESTIGATION OF UPPER-ATMOSPHERIC
REACTIONS; AEROSPACE TRIBOLOGY; STUDY OF RIPPLE PHENOMENA OF BEARING
SURFACES IN DETERMINING QUANTITATIVE AND QUALITATIVE EFFECTS OF
DRAG; FEASIBILITY OF PREDICTING PERTURBATIONS IN RADIO WAVE TRANSMISSION
ION
BY MEANS OF SATELLITE INSTRUMENTATION. PARTICIPATING INSTITUTIONS:
CENTRAL INSTITUTE FOR CHEMICAL RESEARCH, BUCHAREST; CENTER
FOR PHYSICAL CHEMISTRY, BUCHAREST; BUCHAREST POLYTECHNIC
INSTITUTE; CENTER FOR TECHNICAL AND PHYSICAL RESEARCH, IASI.

F. OTHER TOPICS FOR DISCUSSION OF SPECIAL INTEREST TO ROMDEL:
TRAINING OF ROMANIAN ASTRONAUTS AND THEIR PARTICIPATION IN
NASA'S FUTURE MANNED-SPACE MISSIONS; ACQUIRING OF VHRR (VERY HIGH
RESOLUTION) RECEIVING STATION FOR METEOROLOGIC DATA AND SUBSEQUENT
EXCHANGE OF DATA AND IMPLEMENTATION OF BRACKET JOINT END BRACKET
RESEARCH OF INTEREST TO NASA; ESTABLISHMENT OF TRAINED CADRES
IN REMOTE SENSING AND SOUNDINGS TAKEN FROM METEOROLOGIC
ROCKETS.

5. ROMDEL WOULD FLY TAROM WHICH DEPARTS BUCHAREST ON TUESDAYS
AND ARRIVE NEW YORK LATE TUESDAY EVENING. FLIGHT RETURNS FROM
NEW YORK ON WEDNESDAY EVENINGS. POST REQUESTS NASA CONSIDER
ACCEPTING DELEGATION FOR ARRIVAL FEB. 4, OVERNIGHT IN NEW YORK,
WITH SCHEDULED VISITS BEGINNING WASHINGTON FEB. 5. CONSIDERING
TRAVEL TIME AND LOST WORKING DAYS ON WEEKENDS, FEB. 4-19 VISIT

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RSC-01 CIAE-00 DODE-00 INR-07 NSAE-00 PA-01 USIA-06

PRS-01 SAJ-01 L-02 ACDA-05 COME-00 INT-05 /072 W
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FM AMEMBASSY BUCHAREST
TO SECSTATE WASHDC PRIORITY 1508

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DOES NOT SEEM UNREASONABLE IN OUR VIEW, IF POSSIBLE
TO ARRANGE AT THIS ADVANCED DATE.

6. GOR HAS REPEATEDLY STRESSED INTEREST IN ALL ASPECTS OF
TERRESTRIAL AND ATMOSPHERIC REMOTE SENSING AND INTERPRETATION
OF DATA. WE BELIEVE WIDE EXPOSURE OF DELEGATION TO US CAP-
ABILITIES THROUGH NASA, NOAA, USGS, ETC. WOULD BE ENORMOUSLY
IMPORTANT IN EDUCATING ROMDEL TO PRACTICAL REALITIES OF FUTURE
COOPERATION WITH US IN THIS FIELD. ROMANIANS CONTINUE TO DEFER
TO NASA JUDGEMENT ON ITINERARY, AND WOULD DROP VISITS TO JPL
AND JFK SPACE CENTER IF ADVISABLE. ALTERNATIVELY, SCHEDULE MAY
BE FILLED OUT WITH APPROPRIATE VISIT THROUGH NOAA
(COLORADO/WASHINGTON, D.C.) AND DEPT. OF INTERIOR.

7. PROF. SPATARU AND MR. MANDESCU HOSTED CAPTAIN CERNAN IN
BUCHAREST. THEY WOULD APPRECIATE CHANCE TO MEET WITH HIM AGAIN
IF IT CAN BE ARRANGED DURING UPCOMING VISIT.

8. GOR CONTINUES TO INSIST ON CONFIDENTIALITY OF VISIT.
EMBASSY HAS EXPLAINED SOME OF PRACTICAL DIFFICULTIES WHICH
COULD DEVELOP IN THIS REGARD AND IS SEEKING MODIFICATION OF
GOR POSITION.

9. PLEASE ADVISE NASA REACTIONS TO PARAS 5-8 ABOVE.
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Message Attributes

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